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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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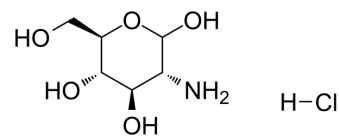
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2-Amino-2-deoxyglucose hydrochloride

Cat. No.:	HY-N9459
CAS No.:	1078691-95-8
Molecular Formula:	C ₆ H ₁₄ ClNO ₅
Molecular Weight:	215.63
Target:	Others
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro	H ₂ O : 125 mg/mL (579.70 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	4.6376 mL	23.1879 mL	46.3757 mL
		5 mM	0.9275 mL	4.6376 mL	9.2751 mL
		10 mM	0.4638 mL	2.3188 mL	4.6376 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: PBS Solubility: 100 mg/mL (463.76 mM); Clear solution; Need ultrasonic				

BIOLOGICAL ACTIVITY

Description	2-Amino-2-deoxyglucose hydrochloride is a hexosamine hydrochloride can be used in the synthesis of cyclopropene-modified hexosamine derivative Ac4GlcNCyoc and Ac4GalNCyoc ^[1] .
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REFERENCES

[1]. Späte AK, et al. Expanding the scope of cyclopropene reporters for the detection of metabolically engineered glycoproteins by Diels-Alder reactions. *Beilstein J Org Chem.* 2014;10:2235-2242. Published 2014 Sep 22.

Caution: Product has not been fully validated for medical applications. For research use only.

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